

## Technology supporting the production of furniture from recycled materials

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### **Abstract:**

Recycling is one of the most solvable processes at one time. Therefore, this process has been very popular with all countries concerned with solving the waste problem and many other troublesome problems that result in many sub-problems

Recycling is not a modern process, but an old process, but it was not as large as it is now, it was in the old times much simpler, and is to feed some organisms on the waste of other beings naturally without the intervention of man, as man in the Bronze Age, they were able to melt metal materials to form new materials.

Hence recycling means reusing materials used to produce new materials, which may sometimes be of lower quality than products made from original materials. The following are some of the highlights of the importance of this process in different communities.

The importance of waste recycling saves energy significantly. Waste recycling helps to produce new products with less energy consumption than the process of producing products from natural products, which helps to reduce the major problems that the world is suffering from such as global warming. Reduces the depletion of raw materials in the production of new products, as depletion of these materials helps to destroy the different environments from which these materials are extracted, and this mainly helps to increase pollution in some cases.

It provides a lot of job opportunities, as recycling provides many jobs, it is a series of operations and not just one job, which helps to solve the problem of unemployment. It saves money and increases the profit margin. The cost of recycled materials is not the cost of raw materials extracted from nature, which is why employers sometimes rely on recycling, and lower costs for manufacturers increase the exports of countries abroad, Their revenues. Reduces the problems of accumulation of waste and the diseases it brings to different people, through the accumulation of pathogens above the waste, and also rid the environment of non-degradable waste such as plastic materials that may cause many problems for the different environments in which they exist

### **Key words:**

Recycling, environment, materials, recycling, reuse